AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method of identifying devices using an Internet Protocol version 6 (IPv6) address, the method comprising identifying the devices using device ID information for identifying types of the devices recorded in an area, excluding a company ID area and a serial number area of an interface ID area, using an extended unique identifier (EUI-64) ID format, and

outputting information regarding the identified devices.

2. (original): The method of claim 1, further comprising identifying the devices using unique numbers assigned to the devices recorded in the serial number area as well as the device ID information.

3. (original): The method of claim 1, wherein said device ID information is located between the company ID area and the serial number area.

4. (currently amended): A computer readable recording medium on which a data structure is formed according to an Internet Protocol version 6 (IPv6) address for identifying devices is recorded, wherein the data structure includes a network ID area for identifying

networks to which the devices are connected and an interface ID area for identifying addresses of

the devices on the networks, where the interface ID area includes a company ID area for

identifying manufacturers of the devices, a serial number area for identifying unique numbers

assigned to the devices, and a device ID area for identifying types of the devices, said device ID

area being placed between the company ID area and the serial number area,

  wherein information regarding the identified devices are output.

5. (currently amended): The computer readable recording medium of claim 4, wherein

the device ID area is placed in the an upper 4 bits and 5 bits of the interface ID area.